

## Information Cards

**Card A**

His ideas were rejected by most people, many of whom claimed that it would take more than mathematics to explain how the planets moved.

**Card B**

His research is considered the origin (starting point) of the modern science of physiology (the study of how the body functions).

**Card C**

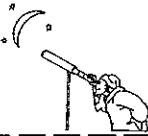
The same force that pulls an object to earth—like an apple falling to the ground—keeps the moon and planets in orbit around the sun.

**Card D**

Invention of the telescope led to a series of important astronomical discoveries: Jupiter had moons, the sun had large spots, visual proof that the earth revolved around the sun.

**Card E**

Only through precise observation can one determine what celestial bodies are made of.

**Card F**

The same blood is constantly recycled through the heart. Arteries and veins carry the blood to and from the heart, which acts like a pump.

**Card G**

Spent years mapping the locations of the planets, using complex mathematical calculations.

**Card H**

It is a sin to dissect dead human bodies.

**Card I**

His work proved wrong many ancient ideas about human anatomy and helped begin the modern sciences of anatomy and physiology.

**Card J**

His ideas were accepted by most scientists, and he was praised by England's queen.

**Card K**

Used personally built telescope and observed that the moon was not smooth, but had numerous craters and high mountains.

**Card L**

His theory (idea) provided the foundation for the modern science of astronomy (the study of planets).

**Card M**

The earth is at the center of the universe. It stays fixed in a permanent place, with the sun and the planets revolving around it.

**Card N**

Many physicians were unwilling to accept the idea that human blood is constantly being recirculated through a closed system of arteries and veins.

**Card O**

To completely understand human anatomy, it is necessary to dissect the dead bodies of humans, not those of animals.

**Card P**

Used complex mathematics to demonstrate that any two objects in the universe pull toward each other.